



Norfolk Southern Corporation
Environmental Protection
1200 Peachtree Street NE - Box 13
Atlanta, GA 30309
Phone 404-582-4239
gaymeon.gibson@nscorp.com

Gaymeon Gibson
Environmental Compliance
Officer

RECEIVED

NOV 12 2015

DEQ SWRO

November 9, 2015

Virginia Department of Environmental Quality
Attn: David Nishida
Water Permits Project Manager
Southwest Regional Office
355 -A Deadmore Street,
Abingdon, VA 24210

Re: VPDES Permit No. VA0022012 Complete Application - Norfolk Southern Railway
Company - Andover Yard - Wise County, VA.

Mr. Nishida,

Norfolk Southern Railway Company - Andover Yard - Wise County, VA facility submits the enclosed completed permit application containing EPA application Form 1, Form 2F, and their required attachments.

Contact me if you should have any questions at (404) 582-4239.


Sincerely,

G.V. Gibson

Enclosure

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER		T/A		C	
				S F		VA0022012		D	
				1		2		13 14 15	
LABEL ITEMS				PLEASE PLACE LABEL IN THIS SPACE					
I. EPA I.D. NUMBER									
III. FACILITY NAME									
V. FACILITY MAILING ADDRESS									
VI. FACILITY LOCATION									
II. POLLUTANT CHARACTERISTICS				GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.									
SPECIFIC QUESTIONS				Mark "X"			Mark "X"		
				YES	NO	FORM ATTACHED			
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)					X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		
				16	17	18	19 20 21		
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)				X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		
				22	23	24	25 26 27		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)					X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		
				28	29	30	31 32 33		
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)					X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		
				34	35	36	37 38 39		
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)					X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		
				40	41	42	43 44 45		
III. NAME OF FACILITY									
c 1 SKIP Norfolk Southern Railway Company - Andover Yard									
15 16 - 29 30 69									
IV. FACILITY CONTACT									
A. NAME & TITLE (last, first, & title)									
c 2 Carpenter, Troy, Reg. Manager Environmental Operations									
15 16 45 46 48 49 51 52- 55									
B. PHONE (area code & no.)									
(404) 520-2461									
V. FACILITY MAILING ADDRESS									
A. STREET OR P.O. BOX									
c 3 209 Shenandoah Avenue, N.E., Box 13									
15 16 45									
B. CITY OR TOWN									
c 4 Roanoke									
15 16 40 41 42 47 51									
C. STATE									
VA									
D. ZIP CODE									
24016									
VI. FACILITY LOCATION									
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER									
c 5 4300 Fleming Road									
15 16 45									
B. COUNTY NAME									
Wise									
46 70									
C. CITY OR TOWN									
c 6 Appalachia									
15 16 40 41 42 47 51 52 -54									
D. STATE									
VA									
E. ZIP CODE									
24216									
F. COUNTY CODE (if known)									

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)										
A. FIRST					B. SECOND					
C	7	4	0	1	(specify) Railroad, Line Haul Operating	C	7		(specify)	
15	16	-	19			15	16	-	19	
C. THIRD					D. FOURTH					
C	7			(specify)	C	7		(specify)		
15	16	-	19		15	16	-	19		
VIII. OPERATOR INFORMATION										
A. NAME								B. Is the name listed in Item VIII-A also the owner?		
C	8	Norfolk Southern Railway Company							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
15	16								55	66
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)								D. PHONE (area code & no.)		
F = FEDERAL		M = PUBLIC (other than federal or state)		P (specify)				A (404) 582-4239		
S = STATE		O = OTHER (specify)								
P = PRIVATE				56				15 16 18 19 21 22 26		
E. STREET OR P.O. BOX										
1200 Peachtree Street, N.E., Box 13										
26 55										
F. CITY OR TOWN					G. STATE	H. ZIP CODE	IX. INDIAN LAND			
C	B	Atlanta				GA	30309	Is the facility located on Indian lands?		
15	16					40	41	42	47	51
					52 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
X. EXISTING ENVIRONMENTAL PERMITS										
A. NPDES (Discharges to Surface Water)					D. PSD (Air Emissions from Proposed Sources)					
C	T	I			C	T	I			
9	N		VA0022012		9	P				
15	16	17	18	30	15	16	17	18	30	
B. UIC (Underground Injection of Fluids)					E. OTHER (specify)					
C	T	I			C	T	I			
9	U				9			(specify)		
15	16	17	18	30	15	16	17	18	30	
C. RCRA (Hazardous Wastes)					E. OTHER (specify)					
C	T	I			C	T	I			
9	R				9			(specify)		
15	16	17	18	30	15	16	17	18	30	
XI. MAP										
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.										
XII. NATURE OF BUSINESS (provide a brief description)										
Activities conducted at the facility include the minor repair and lubrications of rail equipment and direct-to-locomotive fueling.										
XIII. CERTIFICATION (see instructions)										
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.										
A. NAME & OFFICIAL TITLE (type or print)					B. SIGNATURE			C. DATE SIGNED		
D.F. Julian, Vice President Safety and Environmental								11/09/2015		
COMMENTS FOR OFFICIAL USE ONLY										
C										
15	16								55	

Please print or type in the unshaded areas only.

EPA ID Number (copy from Item 1 of Form 1)
VA0022012Form Approved. OMB No. 2040-0086
Approval expires 5-31-92FORM
2F
NPDESU.S. Environmental Protection Agency
Washington, DC 20460**Application for Permit to Discharge Storm Water
Discharges Associated with Industrial Activity****Paperwork Reduction Act Notice**

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (list)	B. Latitude			C. Longitude			D. Receiving Water (name)
001	36	55	2	-82	47	29	Callahan Creek

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
NA					

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
001	~33,000 sq. ft.	~110,000 sq.ft.			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

Petroleum products are stored on site in aboveground storage tanks (ASTs). ASTs are equipped with secondary containment. A wastewater treatment system is used to treat storm water runoff before it leaves the Facility. The facility-specific Storm Water Pollution Prevention Plan (SWPPP) is used to assist personnel in understanding the importance of storm water management and pollution reduction.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
001	Structural: Wastewater treatment system utilizing grit removal and oil/water separation; dikes berms, swales, ditches, and underground conveyances direct storm water runoff. Non-Structural: SWPPP; personnel training, good housekeeping; routine inspections.	1-M, 1-U 4-A

V. Nonstormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name and Official Title (type or print) D.F. Julian, Vice President Safety and Environmental	Signature 	Date Signed 11/09/2015
--	--	---------------------------

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

After several days of dry weather, the outfall was visually inspected by experienced personnel. No wastewater or process water was observed being discharged from the outfall.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

None.

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided.
Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes (list all such pollutants below)

☒ No (go to Section IX)

NA

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☒ Yes (list all such pollutants below)

☐ No (go to Section IX)

Annual acute whole effluent toxicity testing is conducted on Outfall 001 in accordance with the VPDES permit. During the last three (3) years, there have been no exceedances of the permitted toxicity limitation of 1.0 TUa.

IX. Contract Analysis Information

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☐ No (go to Section X)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
TestAmerica Savannas	5102 LaRoche Avenue Savannah, GA 31404	(912) 354-7858	TSS Oil & Grease
REI Consultants, Inc.	P.O. Box 286 Beaver, WV 25813	(304) 255-2500	BOD COD Total Nitrogen Total Phosphorus

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

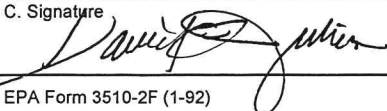
A. Name & Official Title (Type Or Print)

D.F. Julian, Vice President Safety and Environmental

B. Area Code and Phone No.

(404) 582-5373

C. Signature



D. Date Signed

11/09/2015

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Part B –	List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.
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[illegible]

Continued from the Front

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

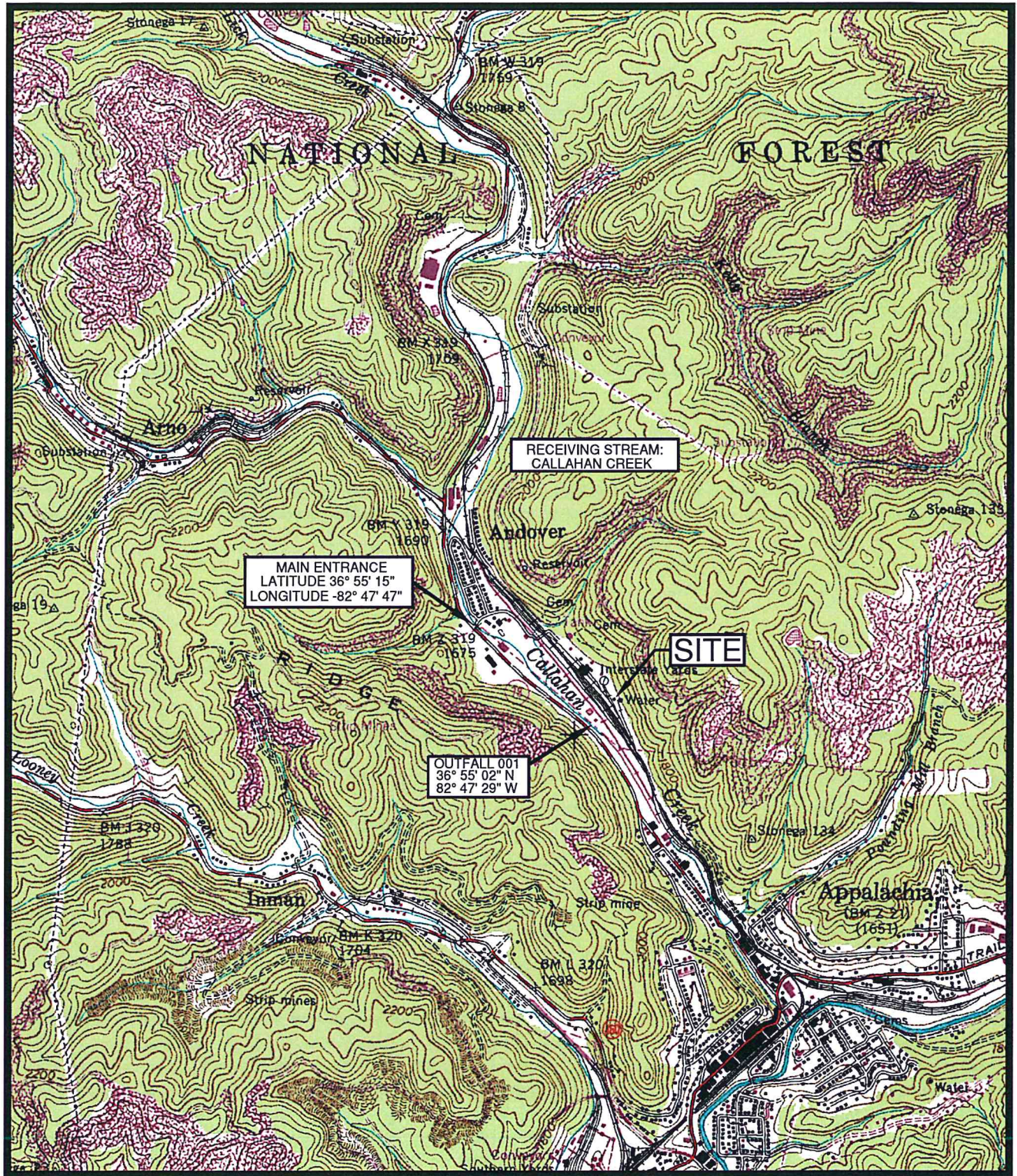
[illegible]

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)
NA					

7. Provide a description of the method of flow measurement or estimate.

Samples are collected from the discharges at the oil/water separator, which flows continuously and is not affected by storm water discharges.



PORTION OF USGS 7.5'
APPALACHIA, VA. QUADRANGLE



NORFOLK SOUTHERN RAILWAY COMPANY
ANDOVER YARD

2,000' 0 2,000'

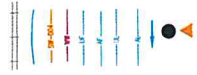
SCALE 1:24,000
VICINITY MAP

FIGURE 1

11/02/2015
Bluefield, Virginia

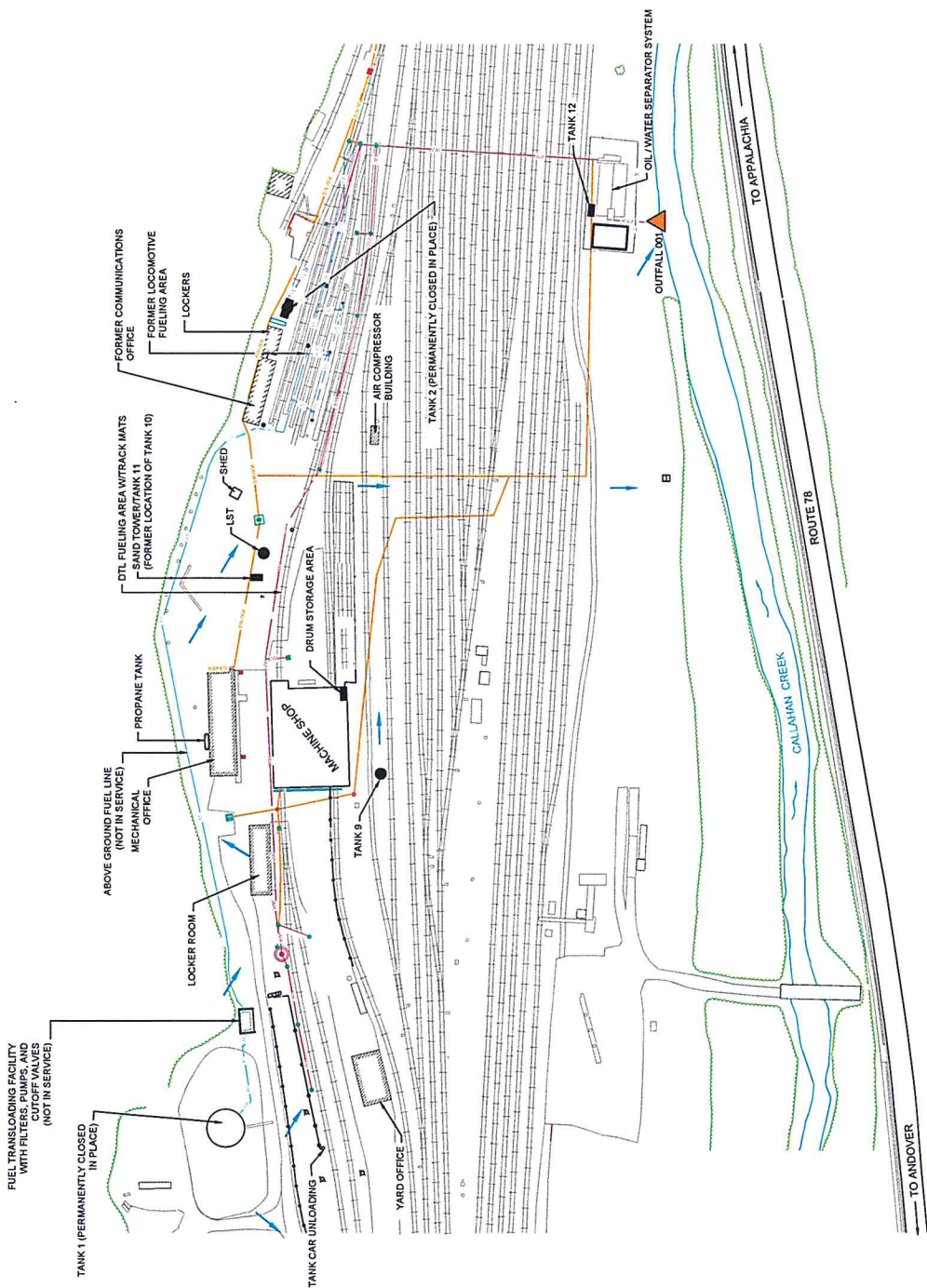


- LEGEND**
- RAILROAD TRACKS
 - WATER BOUNDARY
 - STORM SEWER TO OUTFALL 004
 - STORM SEWER TO OUTFALL 001
 - UNDERGROUND FUEL OIL LINE
 - ABOVEGROUND FUEL OIL LINE
 - UNDERGROUND LUBE OIL LINE
 - ABOVEGROUND LUBE OIL LINE
 - GENERAL SURFACE FLOW
 - PETROLEUM TANKS
 - OUTFALL LOCATION

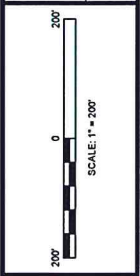


SIGNIFICANT MATERIAL STORAGE

CONTAINER	CAPACITY (GALLONS)	CONTENTS
9	500	KEROSENE
11	75 TONS	SILICA SAND
12	300	USED OIL
LST	350	LUBE OIL
4 TANKS		TOTAL STORAGE
CAPACITY 1,150 GAL. AND 75 TONS SILICA SAND		



REVISION	NO.	DATE	REVISION
DRAWN	TA		
CHECKED	AM		
DATE	06/02/2015		
SCALE	1"=200'		
FILE NO.	ANDOVER		
PROJECT NO.	INST/16102		
OFFICE LOC.	BUELT/DVA		



NORFOLK SOUTHERN RAILWAY COMPANY
ANDOVER YARD
ANDOVER, VIRGINIA
FACILITY LAYOUT AND
DRAINAGE PLAN

VPDES Permit Application Addendum

1. Entity to whom the permit is to be issued: Norfolk Southern Railway Company

Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.

2. Is this facility located within city or town boundaries? Yes ☒ No ☐

3. Provide the tax map parcel number for the land where the discharge is located. Unknown

4. For the facility to be covered by this permit, how many acres will be disturbed during the next five years due to new construction activities? 0

5. What is the design average effluent flow of this facility? 0.01128 MGD

For industrial facilities, provide the max. 30-day average production level, include units:

NA

In addition to the design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Yes ☐ No ☒

If "Yes", please identify the other flow tiers (in MGD) or production levels:

Please consider the following questions for both the flow tiers and the production levels (if applicable): Do you plan to expand operations during the next five years? Is your facility's design flow considerably greater than your current flow?

6. Nature of operations generating wastewater:

Minor maintenance and lubrication of railroad equipment; direct-to-locomotive fueling

0 % of flow from domestic connections/sources

Number of private residences to be served by the treatment works: _____

100 % of flow from non-domestic connections/sources

7. Mode of discharge: ☒ Continuous ☐ Intermittent ☐ Seasonal

Describe frequency and duration of intermittent or seasonal discharges:

NA

8. Identify the characteristics of the receiving stream at the point just above the facility's discharge point:

☒ Permanent stream, never dry

☐ Intermittent stream, usually flowing, sometimes dry

☐ Ephemeral stream, wet-weather flow, often dry

☐ Effluent-dependent stream, usually or always dry without effluent flow

☐ Lake or pond at or below the discharge point

☐ Other: _____

9. Approval Date(s):

O & M Manual N/A

Sludge/Solids Management Plan N/A

Have there been any changes in your operations or procedures since the above approval dates? Yes ☐ No ☒

PUBLIC NOTICE BILLING INFORMATION

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in The Coalfield Progress in accordance with 9 VAC 25-31-290.C.2.

Agent/Department to be billed: Environmental Protection

Owner: Norfolk Southern Railway Company

Agent/Department Address: 1200 Peachtree Street, N.E., Box 13

Atlanta, GA 30309

Agent's Telephone No.: (404) 582-4239

Printed Name: D.F. Julian

Authorizing Agent – Signature: 

Date: 11/09/2015

VPDES Permit No. VA0022012

Facility Name: Norfolk Southern Railway Company – Andover Yard

**DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER DIVISION PERMIT APPLICATION FEE FORM
FEES EFFECTIVE JANUARY 1, 2008**

INSTRUCTIONS

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), Surface Water Withdrawal (SWW), and Groundwater Withdrawal (GW) permits are required to pay permit application fees, except farming operations engaged in production for market. Fees are also required for registration for coverage under general permits, except for the general permits for Domestic Sewage Discharges of 1,000 GPD or less (VAG40), and for Petroleum Contaminated Sites, Groundwater Remediation, and Hydrostatic Tests (VAG83).

The permit fee schedule is included on the back of this form, and includes fees for permit issuance, reissuance*, and for permit modification. Except for VWP permits, fees must be paid when applications are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

* Note: the reissuance fee does not apply to VPDES and VPA permits - see the fee schedule for details.

Once you have determined the fee for the type of application you are submitting, complete this form. The form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Environmental Quality
Receipts Control
P.O. Box 1104
Richmond, VA 23218

You should retain a copy of the form and your check for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME: Norfolk Southern Railway Company

ADDRESS: 1200 Peachtree Street, N.E., Box 13

Atlanta, GA 30309

DAYTIME PHONE: (404) 582 - 4239
Area Code

IRS Employer Identification Number (EIN): 53-6002016
[aka Federal Tax Identification Number (FIN)]

FACILITY/ACTIVITY NAME: Norfolk Southern Railway Company - Andover Yard

LOCATION: 4300 Fleming Road, Appalachia, Virginia 24216

TYPE OF PERMIT APPLIED FOR: VPDES Industrial Minor
(from Fee Schedule - see back of form)

TYPE OF ACTION: ☐ New Issuance ☒ Reissuance ☐ Modification

AMOUNT OF FEE SUBMITTED (from Fee Schedule): \$ 0.00

EXISTING PERMIT NUMBER (if applicable): VA0022012

DEQ OFFICE TO WHICH APPLICATION OR REGISTRATION SUBMITTED (check one)

<input checked="" type="checkbox"/> Abingdon/SWRO	<input type="checkbox"/> Harrisonburg/VRO	<input type="checkbox"/> Woodbridge/NRO	<input type="checkbox"/> Lynchburg/BRRO-L
<input type="checkbox"/> Richmond/PRO	<input type="checkbox"/> Richmond/Headquarters	<input type="checkbox"/> Roanoke/BRRO-R	<input type="checkbox"/> Virginia Beach/TRO

FOR DEQ USE ONLY

Date: _____ DC #: _____

FEE SCHEDULES

A. VPDES and VPA Permits. Applications for issuance of new individual VPDES or VPA permits, and for permittee initiated major modifications that occur (and become effective) before the stated permit expiration date. (Flows listed are facility "design" flows. Land application rates listed are facility "design" rates.) [NOTE: VPDES and VPA permittees pay an Annual Permit Maintenance Fee (APMF) instead of a reapplication fee. The permittee is billed separately by DEQ for the APMF.]

TYPE OF PERMIT	ISSUANCE	MODIFICATION	LAND APP MOD*
VPDES Industrial Major	\$24,000	\$12,000	
VPDES Municipal Major	\$21,300	\$10,650	\$1,000
VPDES Industrial Minor / No Standard Limits	\$10,200	\$5,150	
VPDES Industrial Minor / Standard Limits	\$3,300	\$3,300	
VPDES Industrial Stormwater	\$7,200	\$3,600	
VPDES Municipal Minor / Greater Than 100,000 GPD	\$7,500	\$3,750	\$1,000
VPDES Municipal Minor / 10,001 GPD - 100,000 GPD	\$6,000	\$3,000	\$1,000
VPDES Municipal Minor / 1,001 GPD - 10,000 GPD	\$5,400	\$2,700	\$1,000
VPDES Municipal Minor / 1,000 GPD or Less	\$2,000	\$1,000	
VPDES Municipal Minor / 1,000 GPD or Less that includes authorization for land application or land disposal of sewage sludge	\$5,000	\$1,000	\$1,000
VPA Industrial Wastewater Operation / Land Application of 10 or More Inches Per Year	\$15,000	\$7,500	
VPA Industrial Wastewater Operation / Land Application of Less Than 10 Inches Per Year	\$10,500	\$5,250	
VPA Industrial Sludge Operation	\$7,500	\$3,750	
VPA Municipal Wastewater Operation	\$13,500	\$6,750	
VPA Municipal Biosolids Operation	\$5,000	\$1,000	
VPA Combined Sludge Operation - Mun. Biosolids & Ind. Sludges (except WTP residuals)	\$7,500	\$3,750	
All other VPA operations not specified above	\$750	\$375	

* The fee for modification of a VPDES permit due to changes relating to authorization for land application or land disposal of sewage sludge shall be \$1,000.

B. Virginia Water Protection (VWP) Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual VWP permits. Only one permit application fee will be assessed per application; for a permit application involving more than one of the operations described below, the governing fee shall be based upon the primary purpose of the proposed activity. (Withdrawal amounts shown are maximum daily withdrawals.)

TYPE OF PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
VWP Individual / Surface Water Impacts (Wetlands, Streams and/or Open Water)	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$60,000 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$30,000 maximum)
VWP Individual/Minimum Instream Flow - Withdrawals equal to or greater than 3,000,000 gallons on any day	\$25,000	\$5,000
VWP Individual / Minimum Instream Flow - Withdrawals between 2,000,000 and 2,999,999 gallons on any day	\$20,000	\$5,000
VWP Individual / Minimum Instream Flow - Withdrawals between 1,000,000 and 1,999,999 gallons on any day	\$15,000	\$5,000
VWP Individual / Minimum Instream Flow - Withdrawals < 1,000,000 gallons on any day that do not otherwise qualify for a general VWP permit for water withdrawals	\$10,000	\$5,000
VWP Individual / Reservoir - Major	\$35,000	\$12,500
VWP Individual / Reservoir - Minor	\$25,000	\$12,500
VWP Individual/Nonmetallic Mineral Mining	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$7,500 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$3,750 maximum)

C. Surface Water Withdrawal (SWW) and Groundwater Withdrawal (GW) Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual SWW permits or GW permits.

TYPE OF PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
Surface Water Withdrawal	\$12,000	\$6,000
Groundwater Withdrawal / Initial Permit for an Existing Withdrawal Based Solely on Historic Withdrawals	\$1,200	\$600
Groundwater Withdrawal	\$6,000	\$3,000

D. Registration Statements (VPDES and VPA permits) or Applications (VWP permits) for General Permit Coverage.

- Except as specified in 2, 3, and 4 below, the fee for registration for coverage under a general permit is \$600.
- General VPDES Permit for Domestic Sewage Discharges of Less Than or Equal to 1,000 GPD (VAG40) = \$0.
General VPDES Permit Regulation for Discharges From Petroleum Contaminated Sites (VAG83) = \$0.
- VWP General Permit:

TYPE OF PERMIT	ISSUANCE
VWP General / Less Than 4,356 sq. ft. (1/10 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$0
VWP General / 4,356 sq. ft. to 21,780 sq. ft. (1/10 acre to 1/2 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$600
VWP General / 21,781 sq. ft. to 43,560 sq. ft. (greater than 1/2 acre to one acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200
VWP General / 43,561 sq. ft. to 87,120 sq. ft. (greater than one acre to two acres) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200 plus \$120 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 43,560 sq. ft. (one acre) (\$2,400 maximum)
VWP General / Minimum Instream Flow / Reservoir - Water withdrawals and/or pond construction	\$2,400

- General VPDES Permit for Industrial Activity Storm Water Discharges (VAR05) = \$500.